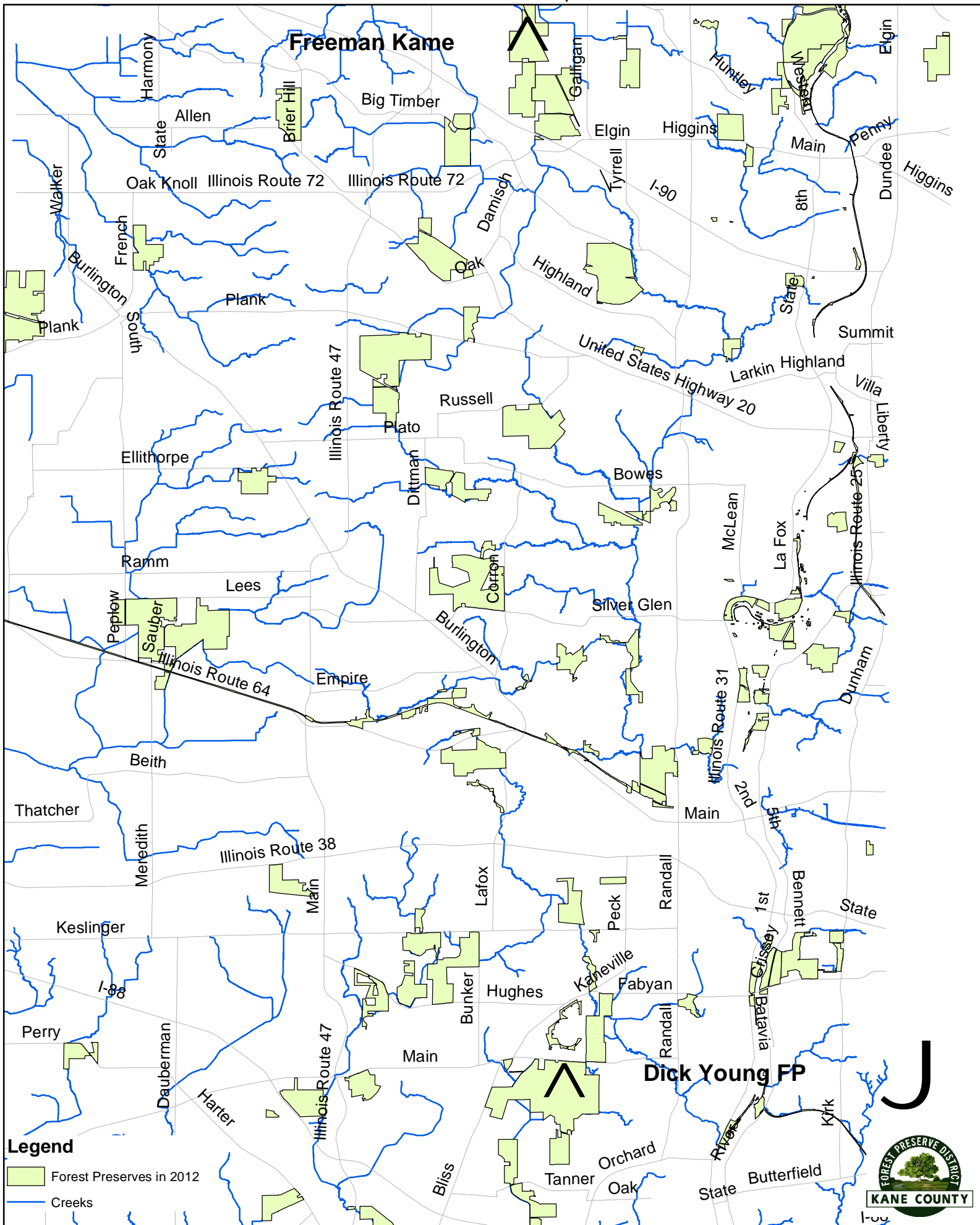
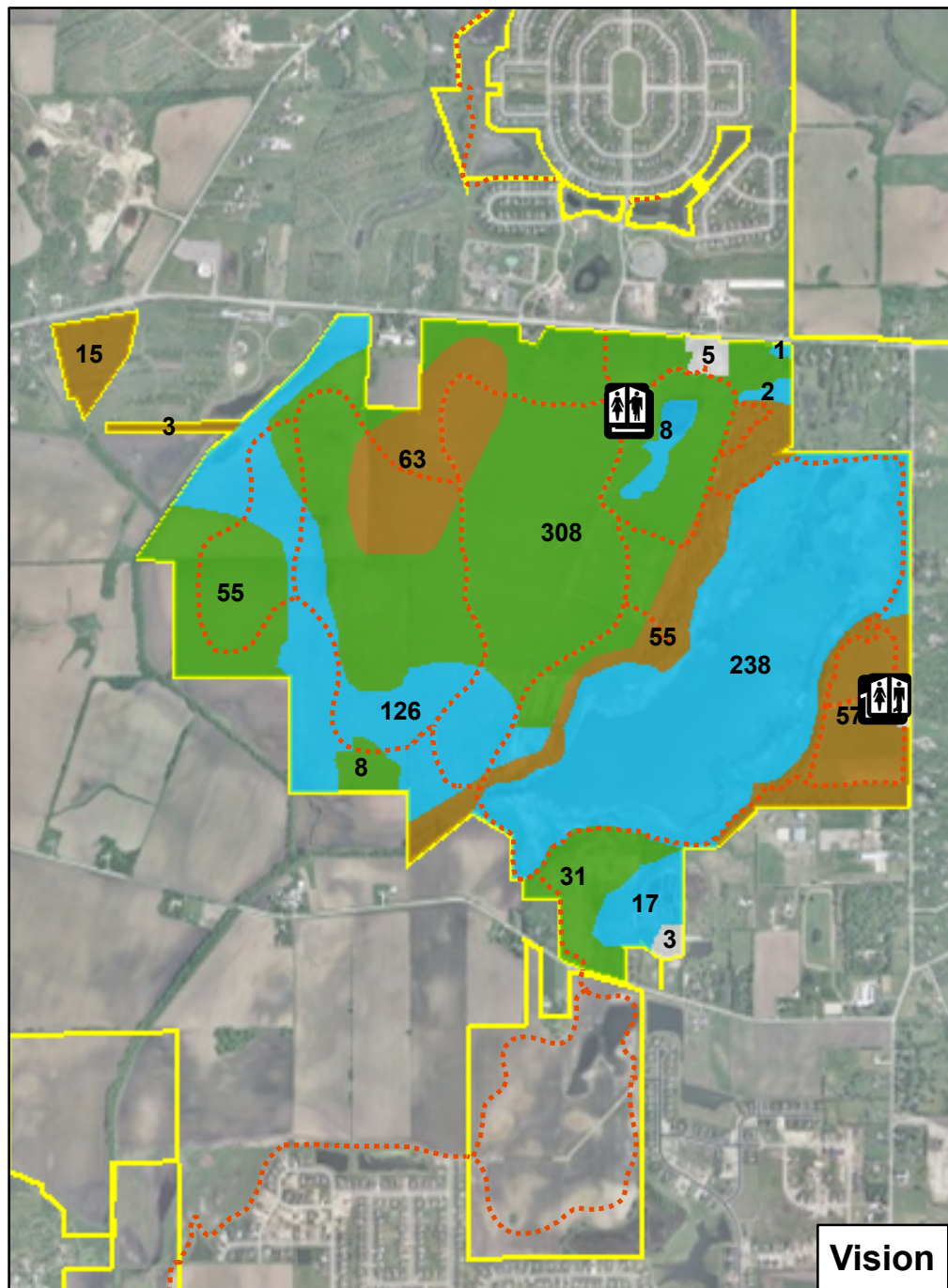
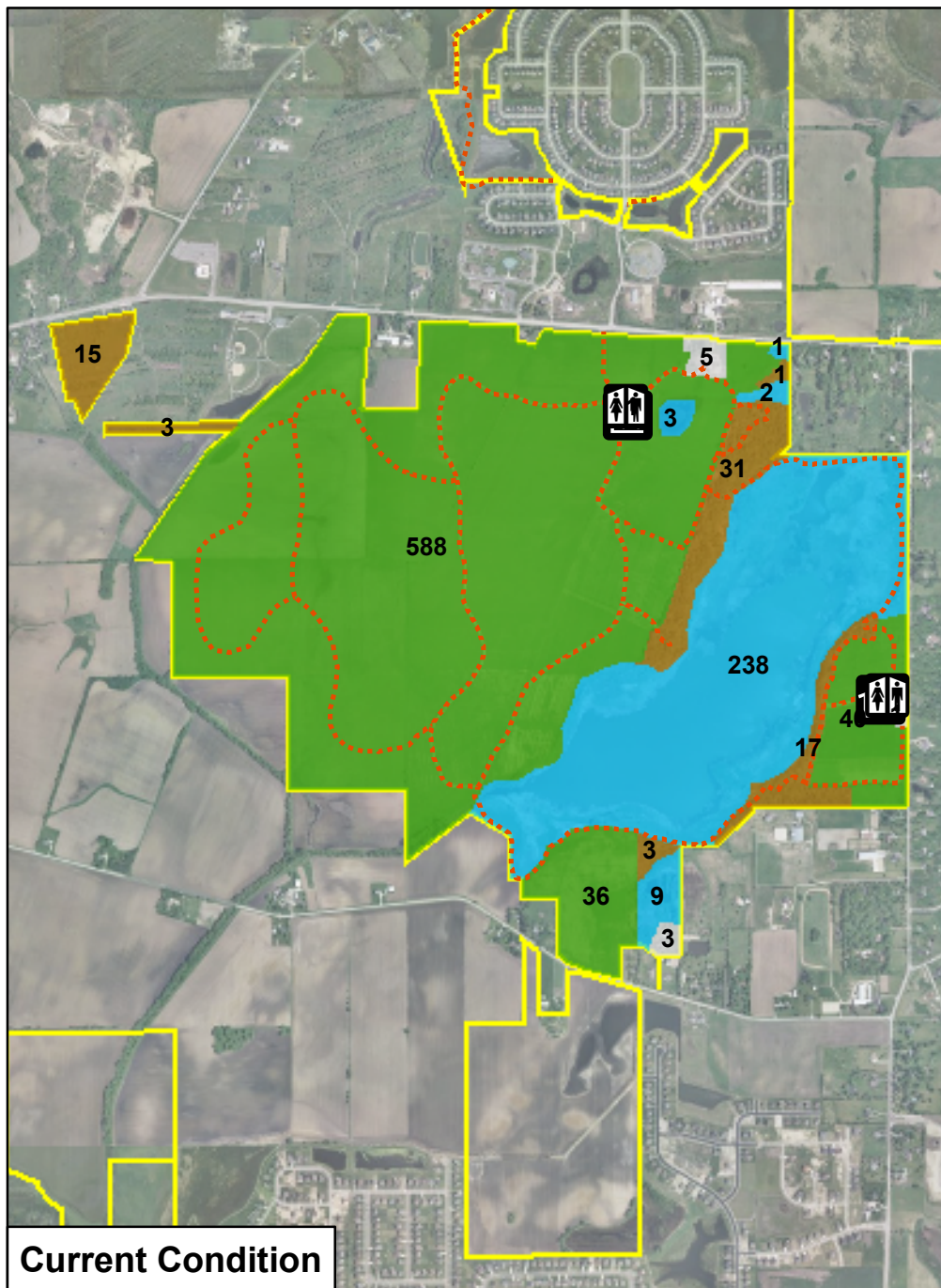


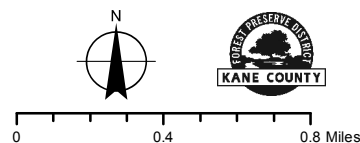
Forest Preserve District - Kane County
General Location Map

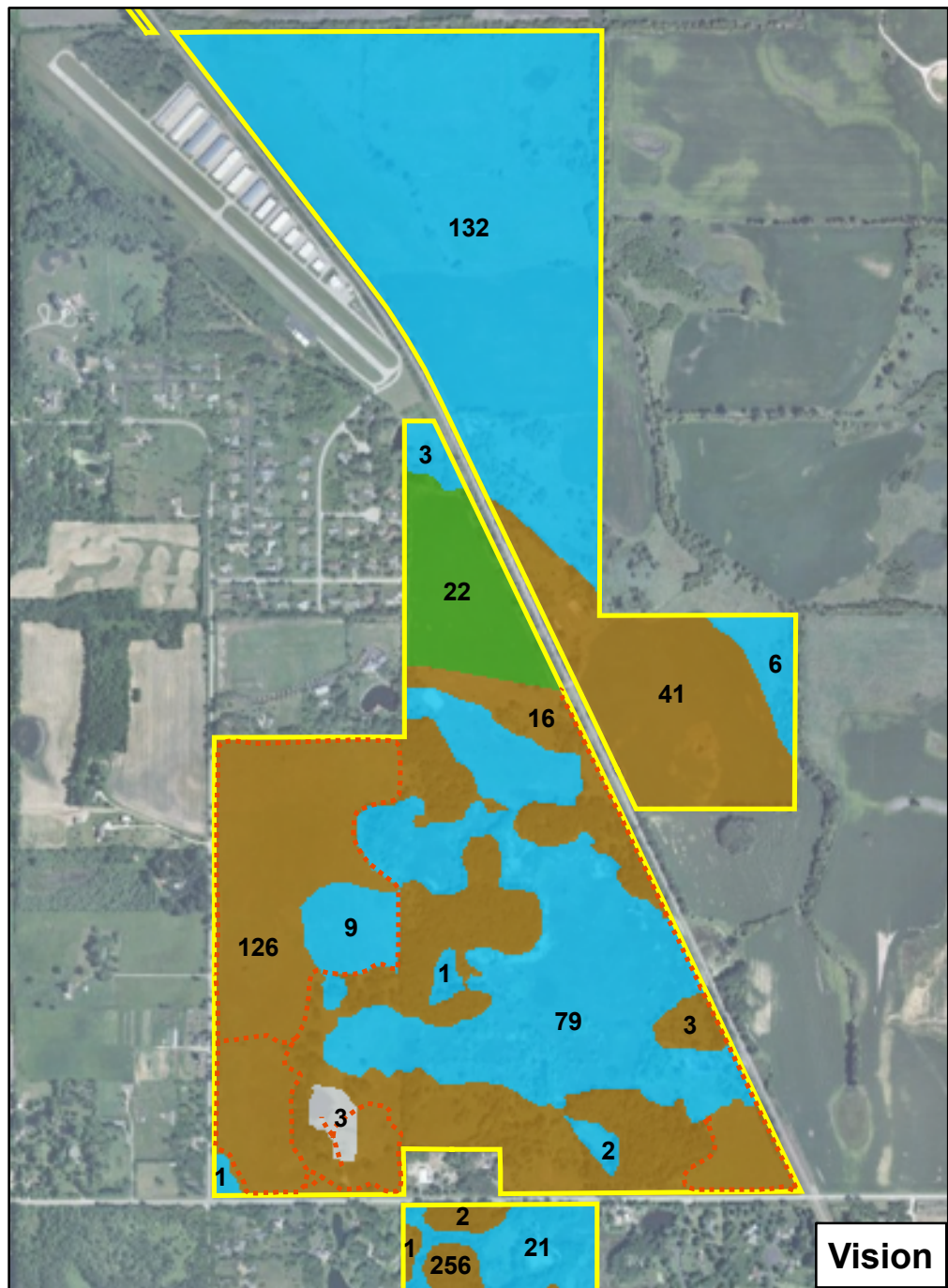
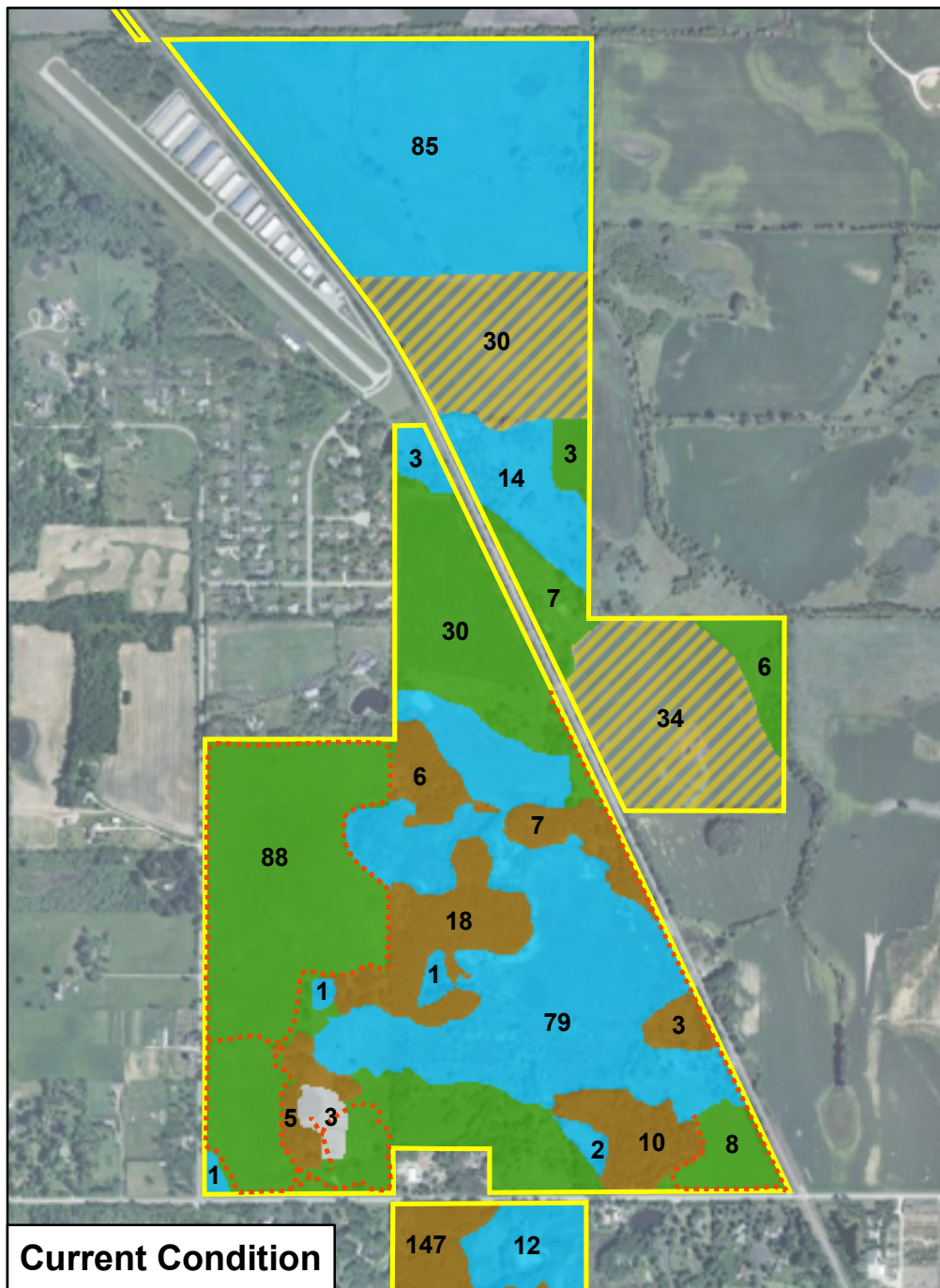




Current Land Condition versus Vision Dick Young Forest Preserve

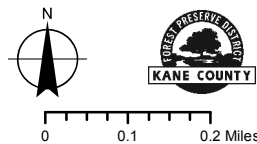
Acreages are approximate. Land holdings as of 1/1/2012.





Current Land Condition versus Vision Freeman Kame (North) Forest Preserve

Acreages are approximate. Land holdings as of 1/1/2012.



Site Information for wetlands that would benefit from “enhancement”

SECTION 1: SITE INFORMATION

SITE NAME: Fox River Fen Nature Preserve COUNTY: Kane DNR REGION: II

OWNERSHIP: PRIVATE

CIVIL TWP: Dundee Township, 42N R8E, Section 35 (Kane Co, IL)

LANDOWNER/AUTHORIZED REPRESENTATIVE NAME: Max McGraw Wildlife Foundation, POC Clark Ganshirt PHONE: 847.741.8000

ADDRESS: P.O. Box 9 CITY: Dundee ZIP CODE: 60118

7.5 MIN. TOPO. MAP: Elgin T: 42N R: 8E
S: 35

Enhancement: Control of invasive phragmites, narrow-leaved cattails and invasive brush along perimeter. Periphery of Unit A for brush, control of cattails in Unit A and B.

SITE NAME: Trout Park Nature Preserve COUNTY Kane DNR REGION II

OWNERSHIP: PUBLIC LOCATION: TWP NAME: Elgin

LANDOWNER/AUTHORIZED REPRESENTATIVE NAME: City of Elgin PHONE: 847.931.6120

ADDRESS: 100 Symphony Way CITY: Elgin ZIP CODE: 60120

7.5 MIN. TOPO. MAP: Elgin T: 41N R: 8E S: 1
(Attach map of what was burned, note such things as the fire mosaic, wind direction, control lines, and any other useful information on the map.)

Enhancement: Control of invasive woody species in rare forested fen and both invasive woody species and herbaceous species in wetlands along Fox River. Unit C includes rare forested fen wetlands and Unit E includes wetlands, drainages along the Fox River.

SECTION 1: SITE INFORMATION:

SITE NAME: Brewster Creek Fen NP COUNTY Kane DNR REGION II

OWNERSHIP: PUBLIC Village of Wayne

LOCATION: TWP NAME: St Charles

LANDOWNER/AUTHORIZED REPRESENTATIVE NAME: Village of Wayne PHONE _____

ADDRESS: CITY: Wayne ZIP CODE: _____

7.5 MIN. TOPO. MAP: Geneva T: 40N R: 8E S: 1

(Attach map of what was burned, note such things as the fire mosaic, wind direction, control lines, and any other useful information on the map.)

Enhancement: Control of invasive woody species in rare graminoid fen and sedge meadow wetland along Brewster Creek and control of herbaceous species (narrow-leaved cattails, phragmites, and reed canary grass) in wetlands along Brewster Creek. Units A and periphery and Unit B along creek.

SECTION 1: SITE INFORMATION

SITE NAME: Del Webb Sedge Meadow and Grove Nature Preserve COUNTY: Kane DNR REGION: II

OWNERSHIP: Private

CIVIL TWP: portions of Sections 1 in Hampshire Township, 42 R6E in Kane County, IL

LANDOWNER/AUTHORIZED REPRESENTATIVE NAME: Sun City Community Association; POC is Dave Osborn PHONE: 847-515-7618

ADDRESS: 12940 Del Webb CITY: Huntley ZIP CODE: 60142

7.5 MIN. TOPO. MAP: Huntlye T: 42 N R: 11E (Portion of Section 1)

Enhancement: Control of invasive woody species in sedge meadow wetland along and control of herbaceous species (narrow-leaved cattails, phragmites, and reed canary grass) in wetlands along Brewster Creek. Unit A in map.

SECTION 1: SITE INFORMATION:

SITE NAME: Shaw Woods Heritage Landmark COUNTY Kane NR REGION II

OWNERSHIP: PUBLIC ☒ PRIVATE ☐ BURN UNIT: A, B DATE OF BURN: 26 March 07

LOCATION: TWP NAME: Dundee

LANDOWNER/AUTHORIZED REPRESENTATIVE NAME: Pat Shaw, Dundee Open Space District
PHONE: 847.428.8092

ADDRESS: 557 Barrington Avenue CITY: Dundee ZIP CODE: 60118

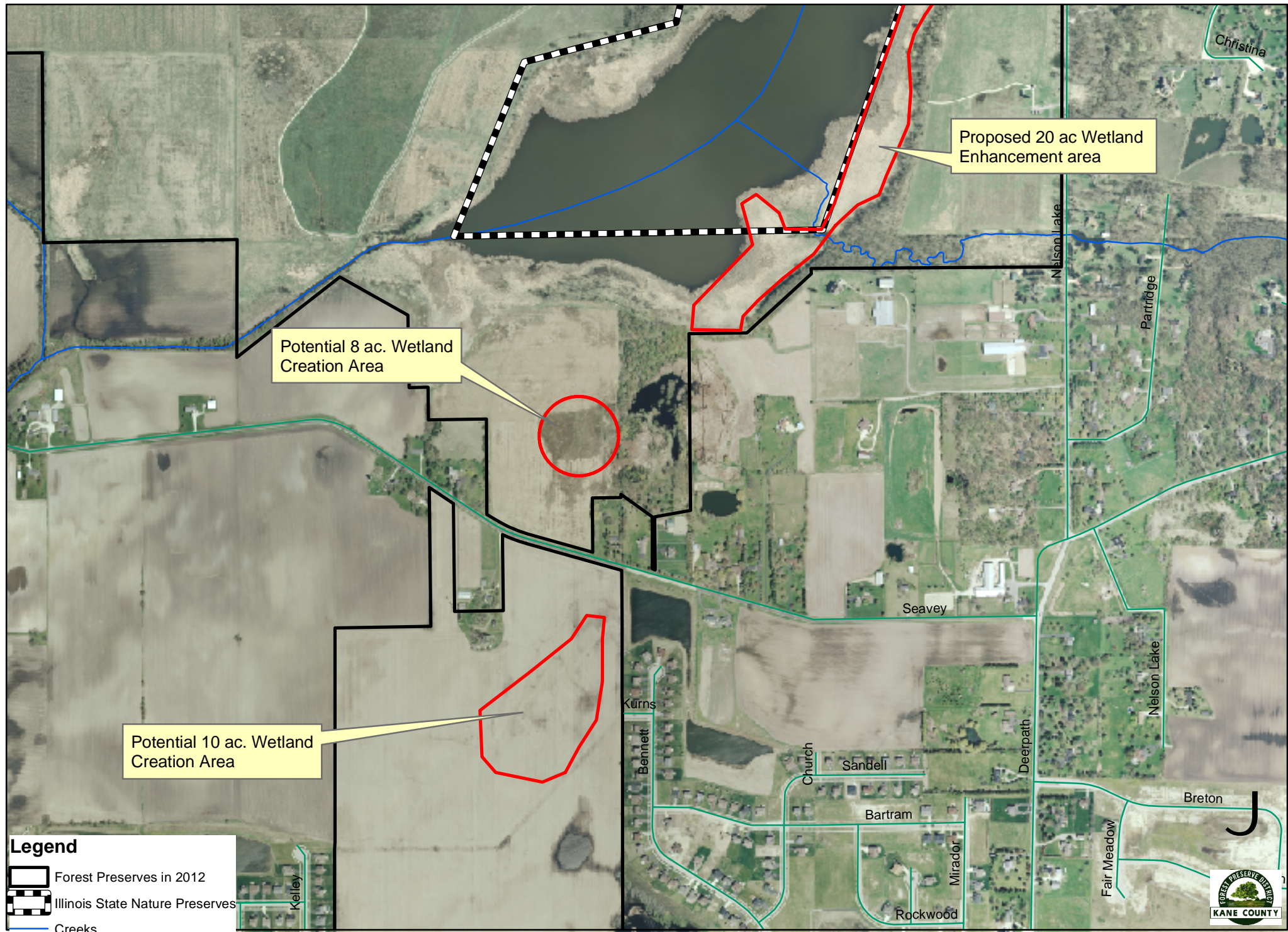
7.5 MIN. TOPO. MAP: Elgin T: 41N R: 8E S: 16

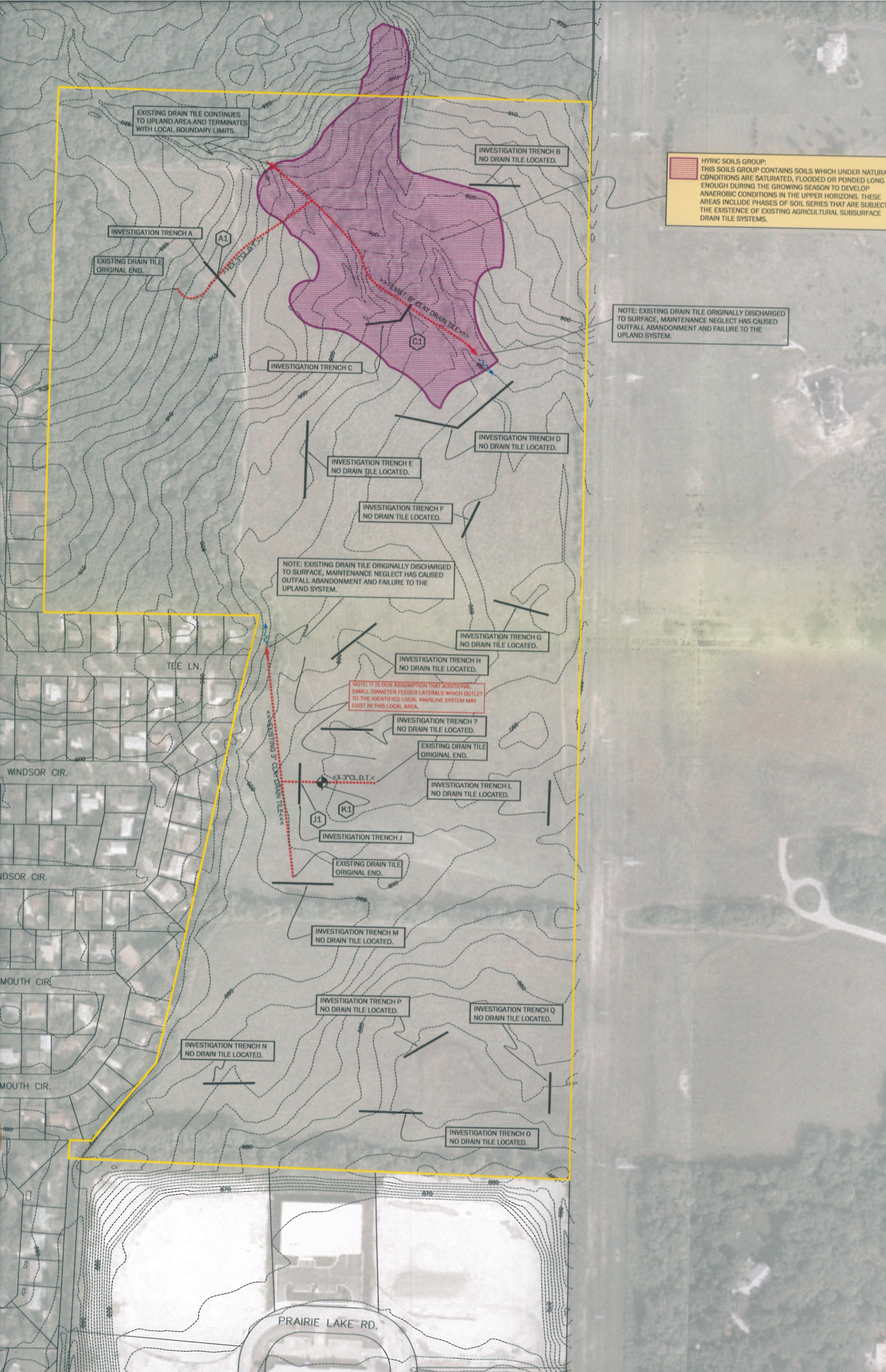
(Attach map of what was burned, note such things as the fire mosaic, wind direction, control lines, and any other useful information on the map.)

Enhancement: Control of invasive woody species in groundwater discharge zones in Units A to include reed canary grass, phragmites, and narrow-leaved cattails. Control of brush in both A units.

Forest Preserve District - Kane County Dick Young FP

Potential Wetland Creation & Enhancement areas





EXISTING DRAIN TILE CONTINUES TO UPLAND AREA AND TERMINATES WITH LOCAL BOUNDARY LIMITS.

INVESTIGATION TRENCH A

EXISTING DRAIN TILE ORIGINAL END.

A1

INVESTIGATION TRENCH B
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH C

EXIST 8" CLAY DRAIN TILE

C1

INVESTIGATION TRENCH D
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH E
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH F
NO DRAIN TILE LOCATED.

NOTE: EXISTING DRAIN TILE ORIGINALLY DISCHARGED TO SURFACE, MAINTENANCE NEGLECT HAS CAUSED OUTFALL ABANDONMENT AND FAILURE TO THE UPLAND SYSTEM.

INVESTIGATION TRENCH G
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH H
NO DRAIN TILE LOCATED.

NOTE: IT IS OUR ASSUMPTION THAT ADDITIONAL SMALL DIAMETER FEEDER LATERALS WHICH OUTLET TO THE IDENTIFIED LOCAL MAINLINE SYSTEM MAY EXIST IN THIS LOCAL AREA.

INVESTIGATION TRENCH ?
NO DRAIN TILE LOCATED.

EXISTING DRAIN TILE ORIGINAL END.

INVESTIGATION TRENCH I
NO DRAIN TILE LOCATED.

<X 3" CL.D.T.>

INVESTIGATION TRENCH J

EXISTING DRAIN TILE ORIGINAL END.

INVESTIGATION TRENCH M
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH P
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH Q
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH N
NO DRAIN TILE LOCATED.

INVESTIGATION TRENCH O
NO DRAIN TILE LOCATED.

HYRIC SOILS GROUP:
THIS SOILS GROUP CONTAINS SOILS WHICH UNDER NATURAL CONDITIONS ARE SATURATED, FLOODED OR PONDED LONG ENOUGH DURING THE GROWING SEASON TO DEVELOP ANAEROBIC CONDITIONS IN THE UPPER HORIZONS. THESE AREAS INCLUDE PHASES OF SOIL SERIES THAT ARE SUBJECT TO THE EXISTENCE OF EXISTING AGRICULTURAL SUBSURFACE DRAIN TILE SYSTEMS.

NOTE: EXISTING DRAIN TILE ORIGINALLY DISCHARGED TO SURFACE, MAINTENANCE NEGLECT HAS CAUSED OUTFALL ABANDONMENT AND FAILURE TO THE UPLAND SYSTEM.

TEE LN.

WINDSOR CIR.

WINDSOR CIR.

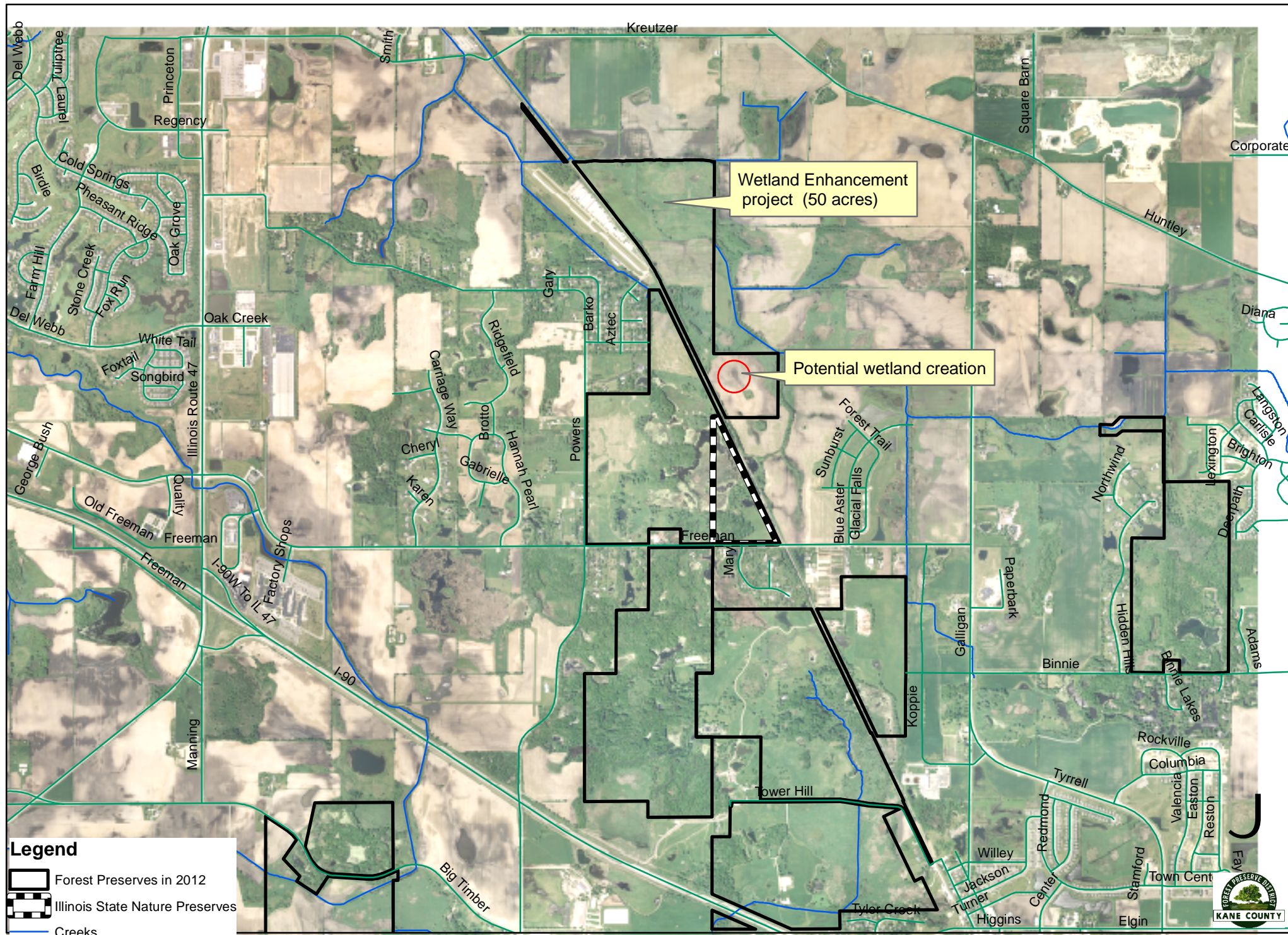
MOUTH CIR.

MOUTH CIR.

PRAIRIE LAKE RD.

Forest Preserve District - Kane County Freeman Kame FP

Potential Wetland Creation & Enhancement areas





Fox River Fen

(adjacent Duncan Ave in Dundee)

Unit A, burn half every 2 years

Unit B, wetter, burn every time conditions dry enough

Unit C, area between bike trail and Road.

Rally point on bike trail that parallels east side of Units A/B - also need to keep trail users off trail with personnel or signs posted on either end, vehicle access limited to ROW along Duncan Ave. Smoke mgmt for Duncan Ave and trail.

Tollway 90

N



A

E

C

A

B

D

Rt 25 & Trout Park Blvd

Dashed line between E/C is Duncan Ave/bike trail

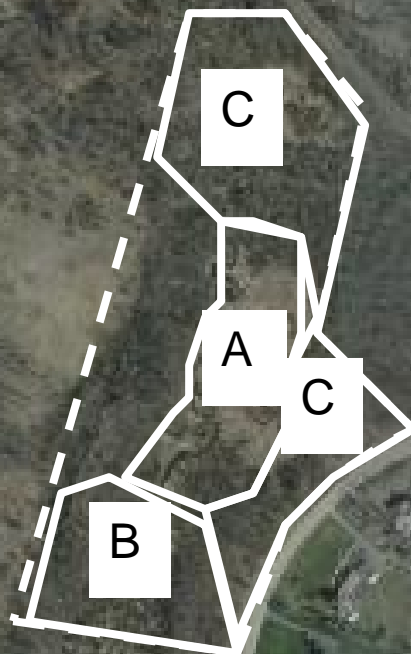
Trout Park Nature Preserve/Trout Park River's Edge INAI
(boundary solid white line; units with dashed lines)

Brewster Creek Fen Nature Preserve

N



N



Brewster Creek Circle

**Del Webb Sedge Meadow and Grove
Nature Preserve**

Rally



Unit C

Unit B

Unit A

Unit D

Pipeline

N



Brier Hill Road

Lakehead Residential development



Raceway Woods – solid line; Shaw Woods Landmark – dashed line

Rt 25

A

A

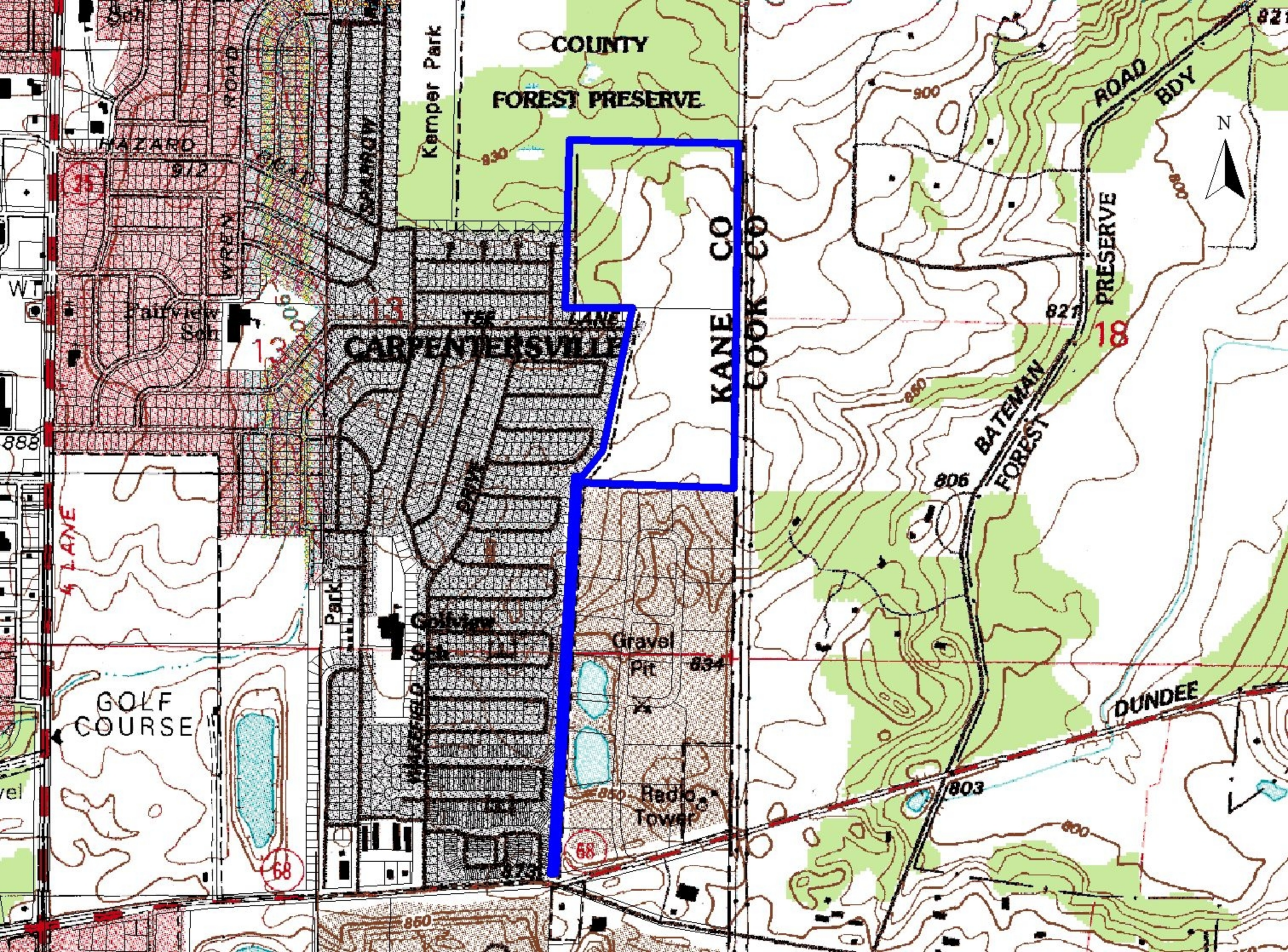
B

C

N

Huntley Road





TO: Kathy Chernich, U.S. Army Corps of Engineers
Erica Spolar, Hampton, Lenzini, and Renwick, Inc.
Sue Harney, Dundee Township Open Space
Jennifer Hammer, The Conservation Foundation

FROM: Steven Byers, Illinois Nature Preserves Commission (Steven.Byers@Illinois.gov; 815.678.4865)

DATE: April 8, 2013

SUBJECT: Wetland mitigation opportunities – Elgin Community College

1. I recommend the wetland mitigation opportunity associated with Elgin Community College be utilized in a two different ways.

a. The wetland restoration credits should be applied to a property owned by Dundee Township that is located just south of Helm Woods Nature Preserve. I have attached an image of the location (east of Dundee in Kane County) and a map (both provided by Sue Harney) that shows the areas of wetlands that could be restored if the field drain tiles were removed. The importance of restoring the hydrology to this region, and improving hydrology in Helm Woods Nature Preserve can not be overstated. In addition, I believe that wetland restoration credits are sufficient to also provide (in addition to removal of field drain tiles) additional resources for seeding (as necessary), additional earth grading (as deemed appropriate) and follow-up management to include control of invasive species and controlled burning.

b. The wetland enhancement funds can be used very effectively at 5 sites (Fox River Fen Nature Preserve, Trout Park Nature Preserve & Trout Park River's Edge, Brewster Creek Nature Preserve, Del Webb Sedge Meadow and Grove Nature Preserve, and Shaw Woods Heritage Landmark. All, save for the last site and Trout Park River's Edge, have been formally protected as part of the Illinois Nature Preserves system. Of the last 2 species, a portion of Shaw Woods Heritage Landmark is protected with a conservation easement with The Conservation Foundation, and Trout Park River's Edge is owned by the City of Elgin. I have included site descriptions and maps of each site that show priority management area.

2. Jennifer Hammer, with The Conservation Foundation, has experience working with landowners and the U.S. Army Corps of Engineers – specifically as it relates to wetland mitigation and violations. The Conservation Foundation would oversee the allocation of funds generated from this wetland mitigation; working with the landowners and preparation of contracts to implement wetland restoration and enhancement. The Conservation Foundation would charge a modest 3% fee to oversee these projects.

3. Kathy and Erica, please get back with me regarding this opportunity to cooperate to improve the wetland resources in Kane County. Your comments and suggestions are welcome.

